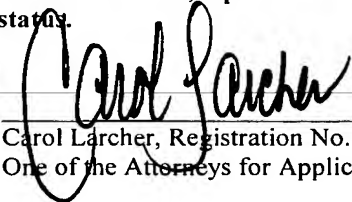


U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>TRANSMITTAL LETTER TO THE UNITED STATES</b> <b>DESIGNATED/ELECTED OFFICE (DO/EO/US)</b> <b>CONCERNING A FILING UNDER 35 U.S.C. 371 AND 37 CFR 1.491</b>		ATTORNEY DOCKET NO.  43512-104209 U.S. APPLICATION NO. 10/573,167
INTERNATIONAL APPLICATION NO. PCT/JP2004/015655	INTERNATIONAL FILING DATE 15 October 2004 (15.10.2004)	PRIORITY DATE CLAIMED 15 October 2003 (15.10.2003)
TITLE OF INVENTION METHOD OF CALIBRATING LIGAND SPECIFICITY		
APPLICANT(S) FOR DO/EO/US Tanaka et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.		
2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.		
3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)).		
4. <input type="checkbox"/> The US has been elected (PCT Article 31).		
5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul>		
6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul>		
7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ul>		
8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).		
9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).		
10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
11. Nucleotide and/or Amino Acid Sequence Submission <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Form (CRF)</li> <li>b. Specification Sequence Listing on:             <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> Paper Copy</li> </ul> </li> <li>c. <input type="checkbox"/> Statement verifying identity of above copies</li> </ul>		
<b>Items 12 to 19 below concern other document(s) or information included:</b>		
12. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Form PTO-1449</li> <li><input checked="" type="checkbox"/> Copies of Listed Documents</li> </ul>		
13. <input type="checkbox"/> An assignment for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.		
14. <input type="checkbox"/> A <b>FIRST</b> preliminary amendment. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.		
15. <input type="checkbox"/> A substitute specification.		
16. <input checked="" type="checkbox"/> Power(s) of Attorney and Statement Under 37 CFR 3.73(b).		
17. <input type="checkbox"/> Application Data Sheet Under 37 CFR 1.76		
18. <input checked="" type="checkbox"/> Return Receipt Postcard		
19. <input type="checkbox"/> Other items or information:		

U.S. APPLICATION NO. 10/573,167		INTERNATIONAL APPLICATION NO. PCT/JP2004/015655		ATTORNEY DOCKET NO. 43512-104209	
The following fees are submitted:				Calculations	PTO Use Only
20. <input type="checkbox"/> a) Basic national fee (37 CFR 1.492(a)) .....\$300.00				\$	
21. <input type="checkbox"/> b) Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0.00 All other situations .....\$200.00				\$	
22. <input type="checkbox"/> c) Search fee If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0.00 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100.00 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....\$400.00 All other situations.....\$500.00				\$	
<b>TOTAL OF 20, 21 &amp; 22 =</b>				<b>\$0.00</b>	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.				\$	
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
-100=	/50=		x \$250.00	\$	
<input checked="" type="checkbox"/> Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total Claims	-20=		x \$50.00	\$	
Independent Claims	- 3 =		x \$200.00	\$	
<input type="checkbox"/> Multiple Dependent Claim(s) (if applicable)				+ \$360.00	\$0.00
<b>TOTAL OF ABOVE CALCULATIONS=</b>				<b>\$130.00</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
<b>SUBTOTAL=</b>				<b>\$130.00</b>	
Processing fee of \$130.00 for furnishing English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date.				\$	
<b>TOTAL NATIONAL FEE=</b>				<b>\$130.00</b>	
Fee for recording the enclosed assignment. The assignment must be accompanied by an appropriate cover sheet. \$40.00 per property				+	\$
<b>TOTAL FEE ENCLOSED=</b>				<b>\$130.00</b>	
01/04/2007 LLANDGRA 00000003 120913 10573167 01 FC:1617 130.00 DA				Amount to be: refunded	\$
				charged:	\$
a. <input type="checkbox"/> A check in the amount of \$ to cover the above fee is enclosed. b. <input checked="" type="checkbox"/> Please charge Deposit Account No. 12-0913 in the amount of \$130.00 to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 12-0913. A duplicate copy of this sheet is enclosed.					
<b>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b>					
SEND ALL CORRESPONDENCE TO:			 Carol Larcher, Registration No. 35,243 One of the Attorneys for Applicant(s)		
<b>Customer Number: 23644</b> Barnes & Thornburg LLP P.O. Box 2786 Chicago, Illinois 60690-2786					
			Date: December 29, 2006		

U.S. APPLICATION NO.  
10/573,167

INTERNATIONAL APPLICATION NO.  
PCT/JP2004/015655

ATTORNEY DOCKET NO.  
43512-104209

**CERTIFICATION UNDER 37 CFR 1.10**

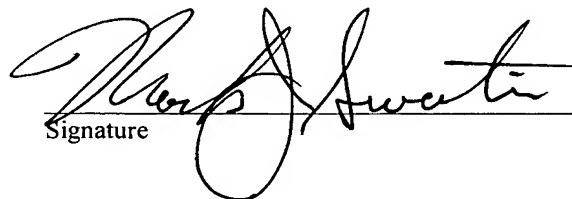
"Express Mail" Label Number: **ED594456444US**

Date of Deposit: December 29, 2006

I hereby certify that this express request to begin national examination procedures under 35 U.S.C. 371(f) of the International Patent Application referenced above, including all of the items listed thereon as enclosures, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, Attention: DO/EO/US, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Mark J. Sweetin

Printed Name of Person Signing:

  
Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Tanaka et al.

Application No. 10/573,167

Filed: March 21, 2006

Confirmation No.

Group Art Unit: Unassigned

Examiner: Unassigned

For: METHOD FOR CALIBRATING LIGAND SPECIFICITY

COMMUNICATION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

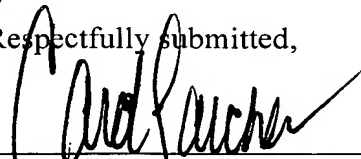
Dear Sirs:

Enclosed herewith are Combined Declarations and Powers of Attorney signed by the inventors in the above-identified patent application. However, the executed Declarations cite the customer number of Gardner Carton & Douglas, the firm formerly responsible for the prosecution of the application. Since responsibility for this application has been transferred to Barnes & Thornburg LLP, Applicants submit herewith a Power of Attorney executed by the Assignee, REVERSE PROTEOMICS RESEARCH INSTITUTE CO., LTD., and a Statement Under 37 CFR 3.73(b) appointing **BARNES & THORNBURG LLP (Customer No. 23644)** as the agent of record in the above-identified patent application. Please adjust USPTO records accordingly.

Pursuant to 37 CFR 3.73, an Assignment from the inventors to the Assignee is enclosed herewith. This establishes the right of the Assignee to take action in the subject application.

In addition, Applicants request that the attorney docket number in the subject application be changed to read **43512-104209**.

Respectfully submitted,



Date: December 29, 2006

Carol Larcher, Reg. No. 35,243  
BARNES & THORNBURG LLP  
P.O. Box 2786  
Chicago, Illinois 60690-2786  
(312) 357-1313 (telephone)  
(312) 759-5646 (facsimile)  
**Customer No. 23644**